

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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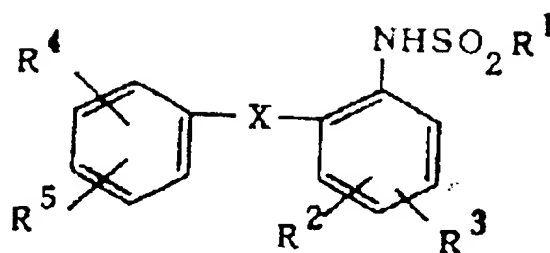
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APPLICANT : FUJISAWA PHARMACEUT CO LTD;

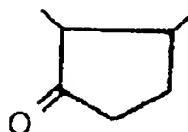
INVENTOR : OYANAGI YOSHIHIKO;

INT.CL. : A61K 31/18 A61K 31/275

TITLE : PREVENTIVE AND TREATING AGENT  
OF ISCHEMIA RE-PERFUSION  
DISORDER



I



II

ABSTRACT : PURPOSE: To obtain a preventive and treating agent of ischemia re-perfusion disorder effective for preventing and treating myocardial infarction and arrhythmia after natural patency caused by cardiac coronary occlusion, comprising a specific sulfonanilide compound and a salt as active ingredients.

CONSTITUTION: A preventive and treating agent for ischemia re-perfusion disorder comprising a compound shown by formula I (R<sup>2</sup> is lower alkyl; R<sup>2</sup> is lower alkanoyl, carbamoyl, cyano, etc.; R<sup>3</sup> is H or R<sup>2</sup> and R<sup>3</sup> together with C form ring shown by formula II; R<sup>4</sup> and R<sup>5</sup> are H or halogen; X is O or S) and a salt (e.g. lithium salt or sodium salt) as active ingredients. The compound shown by formula I is effectively used with an immunosuppressive agent in organ transplantation. A daily dose of the compound shown by formula I is 0.5-1,000mg, preferably 1-500mg usually by oral administration.

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